

43. A method to perform an immunoassay to detect human or canine brain natriuretic peptide in a sample which method comprises contacting said sample with the antibodies of claim 32 and assessing the ability of said antibodies to immunoreact with one or more components contained in said sample.

44. A kit for conducting an immunoassay to detect human or canine brain natriuretic peptide which kit comprises the antibodies of claim 32 in containers and reagents capable of recognizing and specifically binding to said peptides or said antibodies in additional containers.

REMARKS

This application is a divisional filed to claim subject matter set forth on pages 35-36 of the specification. As noted, beginning at line 24, the peptides claimed herein can be used to prepare antibodies which may be monoclonal (see page 36, line 6). These antibodies are useful in immunoassays to detect the peptides and thus in kits designed for performing such immunoassays. No new matter has been added and entry of the amendment is respectfully requested.

It will be noted that claims to the peptides themselves have been granted and are issued in U.S. patent 5,948,761 and U.S. patent 5,114,923; claims to the recombinant materials related to the human peptides are granted in U.S. patent 5,674,710.

Attached hereto is a final version of the changed paragraphs made to the specification; and all the claims according to the current amendment. The attached page is captioned "Version as Amended".

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. 219002025213. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

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VERSION AS AMENDED

In the Specification:

[RECOMBINANT TECHNIQUES FOR PRODUCTION OF BRAIN NATRIURETIC PEPTIDE]

--IMMUNOASSAYS FOR HUMAN AND CANINE BRAIN NATRIURETIC PEPTIDE--

[Cross-Reference to Related Application

This is a continuation-in-part of U.S. Serial No. 206,470, filed 14 June 1988, which is a continuation-in-part of U.S. Serial No. 200,383, filed 31 May 1988.]

--Cross-Reference to Related Application

This application is a divisional of U.S. Serial No. 09/287,892 filed 7 April 1999 which is a divisional of U.S. Serial No. 08/850,910 filed 5 May 1997 and now U.S. patent 5,948,761 which is a continuation of U.S. Serial No. 07/477,226 filed 8 February 1990 and now U.S. patent 5,674,740 which is a divisional application of U.S. Serial No. 07/299,880 filed 19 January 1989, now abandoned which is a continuation-in-part of U.S. Serial No. 07/206,470 filed 14 June 1988 and now abandoned which is a continuation-in-part of U.S. Serial No. 07/200,383 filed 31 May 1988 and now abandoned. Also related is U.S. Serial No. 07/460,855, now patent No. 5,114,923 which is a continuation-in-part of U.S. Serial No. 07/299,880 listed above.--